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# REPORT

ON THE STATE OF

## PUBLIC HEALTH

IN THE

URBAN DISTRICT OF BUSHEY

URBAN DISTRICT OF CHORLEYWOOD

URBAN DISTRICT OF RICKMANSWORTH

RURAL DISTRICT OF WATFORD

IN THE COUNTY OF

HERTFORD




WILLIAM HARVEY, M.D., B.Ch., D.P.H.

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

# 1951



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# REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1951.

The Chairman and Members of :—

the Urban District Council of Bushey,  
the Urban District Council of Chorleywood,  
the Urban District Council of Rickmansworth,  
and  
the Rural District Council of Watford.

LADIES AND GENTLEMEN,

I have the honour to present my Annual Reports on the state of the Public Health, and the reports by the Inspectors on the sanitary conditions, in the Districts, during the year 1951.

The Registrar General's estimates of the populations of the Districts for the middle of 1951 are :—Bushey, 16,060 ; Chorleywood, 4,480 ; Rickmansworth, 25,310 ; and Watford Rural, 40,150 ; giving a total for the whole area of 86,000 persons.

The birth-rates were higher in the Chorleywood and Watford Rural Districts, and lower in Bushey and Rickmansworth, than those for the previous year. The actual number of births, however, continues to rise with the increasing population. The birth-rate for England and Wales for 1951 was 15.5 per 1,000 of the population.

The figures for the Districts are :—

| 1951          | Male      | Female    | Total<br>Live<br>Births | Still<br>Births |
|---------------|-----------|-----------|-------------------------|-----------------|
| Bushey        | 124       | 119       | 243                     | 4               |
| Chorleywood   | 29        | 27        | 56                      | 2               |
| Rickmansworth | 168       | 176       | 344                     | 10              |
| Watford Rural | 352       | 331       | 683                     | 14              |
|               | <hr/> 673 | <hr/> 653 | <hr/> 1,326             | <hr/> 30        |

The total number of births shows an increase of 131 on that for the previous year.

Forty-five of the live births, and one of the still births were illegitimate.

The Infantile Mortality rate, or the number of deaths of infants under the age of one year per 1,000 live births, has generally been maintained at a figure well below the rate for the whole country, which at present is 29.6. At this low level further progress will naturally be slower compared with the reductions in the past, when the rate fell from 156 between 1896 and 1900, to 91 between 1916 and 1920, then to 50 in 1939, and now to its present figure of 29.6. The number of infants who died in this area was 34, and of these, 26 died during the first four weeks of life.

There was no Maternal Mortality in connection with Pregnancy or Childbirth during the year. The rate for the whole country in 1951 was 0.79 deaths per 1,000 total (live and still) births compared with 4.62 in 1934.

The International Statistical Classification of Diseases, Injuries, and Causes of Death, 1948, has been used for recording the deaths in the report for each District. The death-rates are all very low.

The crude death-rates which have been given are reliable for comparisons from year to year in the Districts to which they are related, provided there have been no marked changes in the age distributions of their populations, such as might be caused by movements in particular age groups with lower or higher rates of mortality. To provide for comparison between districts, Area Comparability Factors are given for deaths and births, which, when applied by multiplication to the crude rates, give the rates the Districts would have if their populations were of average age distribution.

With the exceptions of Measles and Whooping Cough, which were prevalent during the first and second quarters, the incidence of notifiable infectious disease was appreciably lower than in the previous year.

Reliable vaccines for the immunization of infants against Whooping Cough are now available. The protection given, as with any vaccine, is not absolute, but trials which have been carried out in this country during the past seven years show that a child who has not been immunized is about four times more likely to contract the disease than one who has. Further, the cases which did occur



in the vaccinated were generally less severe and of shorter duration. As Whooping Cough is a serious disease during the first year of life, it is recommended that the immunising treatment, which consists of three injections, should be commenced about the beginning of the third month of life.

There have been no cases of Diphtheria during the last three years, whereas the average number each year before the national campaign for Diphtheria immunization was started in 1940, was twenty-four, in the much smaller population at that time.

The Immunization treatment against Diphtheria is of a simple nature, it is voluntary, and can readily be obtained at a Child Welfare Centre or from the Family Doctor. It is generally recommended that the first of the injections should be given when a child is about seven months old, so that it may be protected from an early age when the disease is more likely to be serious. The notifications and deaths from Diphtheria over the whole country last year were approximately 699 and 34, compared with a yearly average of 55,000 and 2,800, respectively, between 1930 and 1940.

There were eight cases of Acute Poliomyelitis, in three of which there was some degree of paralysis or weakness. There were no deaths. During the previous year there were sixteen cases, with three deaths.

The early symptoms of Poliomyelitis are often indefinite, but, irritability or drowsiness, with pain or stiffness in the muscles of the neck, or perhaps the limbs, and a rise in temperature, should be regarded with suspicion during the summer and autumn months, especially if Poliomyelitis is prevalent, and, as an indication for rest in bed and quietness from the earliest stage. Physical strain or fatigue at this stage may increase the severity of the disease.

The Mass Radiography Unit, which is under the direction of the Regional Hospital Board, visited Rickmansworth in September, when 2,698 persons, including the personnel of a large factory, were examined. The number of persons recalled for large films was 61 ; and the further analysis of these cases was as follows:—(a) no further action, 37; (b) to return to Unit for further examination, 0; (c) further investigation required, not necessarily indicating tuberculosis, 23; (d) known cases of Tuberculosis, 0; (e) failed to return, 1.

Special attention has been given to the inspection of food, and to the cleanliness of places where food or drink is served. In most cases it is now possible to obtain the replacements or new equipment required for the hygienic handling and storage of food, and it is hoped that the standard throughout the area will be steadily improved. The manufacture and sale of ice cream has received special attention. The great safeguard in the handling of food is the cleanliness of the hands, which should always be washed before commencing, or resuming, work in the kitchen. There should be suitable and convenient arrangements to encourage this practice. The nails should be kept short and clean.

The work done under the Prevention of Damage by Pests Act, 1949, is recorded in each report. The Act is intended to prevent damage by rats and mice to the food supply, and it is hoped that everyone will help in this important work.

The work in the Department was very efficiently handled by the Inspectors. Owing to the development of the Watford Rural District, Mr. A. Hughes was appointed as an additional Sanitary Inspector, and he commenced duties in September, 1951.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

*WILLIAM HARVEY.*

# BUSHEY

## URBAN DISTRICT

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### General.

Area of District (land and inland water), 3,866 acres.

Highest Point—London Road at Southern boundary, 506.7ft.

Lowest Point—Near River Colne, 179.2ft. (above mean sea-level).

Number of structurally separate dwellings occupied, 1st April, 1951; 4,591.

Rateable value at 1st April, 1951; £141,120.

Sum represented by a penny-rate, £550.

### Vital Statistics.

Population (Registrar General's estimates at mid-year) :

| 1951   | 1950   | 1949   | 1948   | 1947   | 1946   | 1945   | 1939   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 16,060 | 14,930 | 15,220 | 14,990 | 14,310 | 13,800 | 12,880 | 12,930 |

Birth-Rate (Live births per 1,000 of population) :

| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
|------|------|------|------|------|------|------|------|
| 15.1 | 15.9 | 14.9 | 16.2 | 20.7 | 16.1 | 14.4 | 13.0 |

(Area Comparability Factor, 1.05)

Infantile Mortality Rate (Deaths under 1 year per 1,000 live births) :

| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
|------|------|------|------|------|------|------|------|
| 37   | 8    | 31   | 29   | 27   | 13   | 43   | 48   |

Death-Rate.

Vide—Summary "Causes of Death."

(Area Comparability Factor, 1.08)

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

|           |     |     |     | Pulmonary. |         | Non-Pulmonary. |         |
|-----------|-----|-----|-----|------------|---------|----------------|---------|
|           |     |     |     | Male.      | Female. | Male.          | Female. |
| New cases | ... | ... | ... | 9          | 9       | —              | —       |
| Deaths    | ... | ... | ... | 1          | 2       | —              | —       |



# NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to AGE and SEX

1951

| AGE GROUPS  | Scarlet Fever |   | Whooping Cough |    | Acute poliomyelitis |   |               |   | Measles (Exc. Rubella) |     | Diphtheria |   |
|-------------|---------------|---|----------------|----|---------------------|---|---------------|---|------------------------|-----|------------|---|
|             |               |   |                |    | Paralytic           |   | Non-paralytic |   |                        |     |            |   |
|             | M             | F | M              | F  | M                   | F | M             | F | M                      | F   | M          | F |
| 0— ...      |               |   | 1              | 2  |                     |   |               |   | 3                      | 3   |            |   |
| 1— ...      |               |   | 3              | 7  |                     |   |               |   | 17                     | 25  |            |   |
| 3— ...      | 2             |   | 5              | 5  |                     |   |               |   | 39                     | 33  |            |   |
| 5— ...      | 5             | 1 | 6              | 14 |                     |   |               | 1 | 72                     | 59  |            |   |
| 10— ...     | 1             | 1 |                |    | 1                   |   |               |   | 1                      | 5   |            |   |
| 15— ...     | 1             | 1 |                |    |                     |   |               |   | 2                      | 3   |            |   |
| 25 and over | 1             |   |                |    |                     |   |               |   | 2                      | 2   |            |   |
| TOTAL ...   | 10            | 3 | 15             | 28 | 1                   | — | —             | 1 | 136                    | 130 | —          | — |

| AGE GROUPS  | Ac. Pneumonia |   | Dysentery |   | Smallpox |   | Acute encephalitis |   |                 |   | Enteric or Typhoid Fever |   |
|-------------|---------------|---|-----------|---|----------|---|--------------------|---|-----------------|---|--------------------------|---|
|             |               |   |           |   |          |   | Infective          |   | Post-infectious |   |                          |   |
|             | M             | F | M         | F | M        | F | M                  | F | M               | F | M                        | F |
| 0— ...      |               |   |           |   |          |   |                    |   |                 |   |                          |   |
| 5— ...      | 1             | 1 | 4         | 1 |          |   |                    |   |                 |   |                          |   |
| 15— ...     | 1             |   |           |   |          |   |                    |   |                 |   |                          |   |
| 45— ...     | 2             |   |           |   |          |   |                    |   |                 |   |                          |   |
| 65 and over |               | 1 |           |   |          |   |                    |   |                 |   |                          |   |
| TOTAL ...   | 4             | 2 | 4         | 1 | —        | — | —                  | — | —               | — | —                        | — |

| AGE GROUPS  | Paratyphoid Fevers |   | Erysipelas |   | Meningococcal infection |   | Food Poisoning |   | Other Notifiable Diseases |     |    |
|-------------|--------------------|---|------------|---|-------------------------|---|----------------|---|---------------------------|-----|----|
|             | M                  | E | M          | F | M                       | F | M              | F |                           | M   | F  |
| 0— ...      |                    |   |            |   |                         |   |                |   | Puerperal Pyrexia ...     | ... | 32 |
| 5— ...      |                    |   |            |   |                         |   |                | 1 | Ophthalmia Neonatorum ... | 14  | 9  |
| 15— ...     |                    |   |            | 2 |                         |   |                |   | Malaria ...               | —   | —  |
| 45— ...     |                    |   |            |   |                         |   |                |   | Plague ...                | —   | —  |
| 65 and over |                    |   |            |   |                         |   |                |   | Relapsing Fever           | —   | —  |
|             |                    |   |            |   |                         |   |                |   | Typhus Fever...           | —   | —  |
| TOTAL ...   | —                  | — | —          | 2 | —                       | — | —              | 1 |                           |     |    |



# THE CAUSES OF DEATH

# DEATH-RATE

(Deaths per 1,000 of population)

1951

|                   |   |     |     |     | Males | Females |                   |     |     |      |
|-------------------|---|-----|-----|-----|-------|---------|-------------------|-----|-----|------|
| All Causes ... .. |   |     |     |     | 70    | 90      | 1951              | ... | ... | 9.9  |
| 1                 | Tuberculosis, respiratory               | ... | ... | ... | 1     | 2       | 1950              | ... | ... | 9.9  |
| 2                 | Tuberculosis, other                     | ... | ... | ... | —     | —       | 1949              | ... | ... | 10.4 |
| 3                 | Syphilitic disease                      | ... | ... | ... | —     | —       | 1948              | ... | ... | 8.1  |
| 4                 | Diphtheria                              | ... | ... | ... | —     | —       | 1947              | ... | ... | 9.8  |
| 5                 | Whooping cough                          | ... | ... | ... | —     | —       | 1946              | ... | ... | 9.1  |
| 6                 | Meningococcal infections                | ... | ... | ... | —     | —       | 1945              | ... | ... | 10.6 |
| 7                 | Acute poliomyelitis                     | ... | ... | ... | —     | —       | 1944              | ... | ... | 10.2 |
| 8                 | Measles                                 | ... | ... | ... | —     | —       | 1943              | ... | ... | 11.5 |
| 9                 | Other infective and parasitic diseases  | ... | ... | ... | 1     | 1       | 1942              | ... | ... | 9.8  |
| 10                | Malignant neoplasm, stomach             | ... | ... | ... | 3     | 3       | 1941              | ... | ... | 10.6 |
| 11                | Malignant neoplasm, lung, bronchus      | ... | ... | ... | 3     | —       | 1940              | ... | ... | 9.7  |
| 12                | Malignant neoplasm, breast              | ... | ... | ... | —     | 4       | 1939              | ... | ... | 7.9  |
| 13                | Malignant neoplasm, uterus              | ... | ... | ... | —     | 1       | 1938              | ... | ... | 9.1  |
| 14                | Other malignant and lymphatic neoplasms | ... | ... | ... | 9     | 3       | 1937              | ... | ... | 9.2  |
| 15                | Leukæmia, aleukæmia                     | ... | ... | ... | —     | —       | 1936              | ... | ... | 8.2  |
| 16                | Diabetes                                | ... | ... | ... | —     | 1       | 1935              | ... | ... | 9.5  |
| 17                | Vascular lesions of nervous system      | ... | ... | ... | 8     | 21      | 1934              | ... | ... | 8.6  |
| 18                | Coronary disease, angina                | ... | ... | ... | 10    | 1       | 1933              | ... | ... | 9.7  |
| 19                | Hypertension with heart disease         | ... | ... | ... | —     | 3       | 1932              | ... | ... | 9.5  |
| 20                | Other heart disease                     | ... | ... | ... | 7     | 20      |                   |     |     |      |
| 21                | Other circulatory disease               | ... | ... | ... | —     | 3       |                   |     |     |      |
| 22                | Influenza                               | ... | ... | ... | —     | 1       | England and Wales |     |     |      |
| 23                | Pneumonia                               | ... | ... | ... | 2     | 4       | 1951              | ... | ... | 12.5 |
| 24                | Bronchitis                              | ... | ... | ... | 7     | 6       | 1950              | ... | ... | 11.6 |
| 25                | Other diseases of respiratory system    | ... | ... | ... | 1     | —       | 1949              | ... | ... | 11.7 |
| 26                | Ulcer of stomach and duodenum           | ... | ... | ... | 3     | —       | 1948              | ... | ... | 10.8 |
| 27                | Gastritis, enteritis and diarrhoea      | ... | ... | ... | 1     | —       | 1947              | ... | ... | 12.0 |
| 28                | Nephritis and nephrosis                 | ... | ... | ... | —     | —       | 1946              | ... | ... | 11.5 |
| 29                | Hyperplasia of prostate                 | ... | ... | ... | 1     | —       | 1945              | ... | ... | 11.4 |
| 30                | Pregnancy, childbirth, abortion         | ... | ... | ... | —     | —       | 1944              | ... | ... | 11.6 |
| 31                | Congenital malformations                | ... | ... | ... | 2     | 2       | 1943              | ... | ... | 12.1 |
| 32                | Other defined and ill-defined diseases  | ... | ... | ... | 7     | 10      | 1942              | ... | ... | 11.6 |
| 33                | Motor vehicle accidents                 | ... | ... | ... | 1     | 2       | 1941              | ... | ... | 12.9 |
| 34                | All other accidents                     | ... | ... | ... | 2     | 2       | 1940              | ... | ... | 14.6 |
| 35                | Suicide                                 | ... | ... | ... | 1     | —       | 1939              | ... | ... | 12.1 |
| 36                | Homicide and operations of war          | ... | ... | ... | —     | —       |                   |     |     |      |

# SANITARY CONDITIONS

A. C. F. GISBORNE,

Member Royal Sanitary Institute. Inspector, Meat and other Foods.

## HOUSING STATISTICS.

|  |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|
| Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts  | ... | ... | ... | ... | ... | ... | ... | 105 |
| Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation                                   | ... | ... | ... | ... | ... | ... | ... | —   |
| Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation | ... | ... | ... | ... | ... | ... | ... | 85  |
| Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority   | ... | ... | ... | ... | ... | ... | ... | 75  |
| Number of structurally separate dwellings erected during the year :  |     |     |     |     |     |     |     |     |
| (1) By the Local Authority   | ... | ... | ... | ... | ... | ... | ... | 41  |
| (2) By other bodies or persons*  | ... | ... | ... | ... | ... | ... | ... | 40  |

\*Private licence, 9; Housing Society, 31.

## SUMMARY OF HOUSING DEFECTS.

The number of defects found on inspection is followed by the number remedied during the year.

|   | Cases<br>Found Remedied |    |  | Cases<br>Found Remedied |   |
|---|-------------------------|----|--|-------------------------|---|
| 1. <i>Site.</i>                             |                         |    | b. Window area or opening below standard         | ...                     | — |
| a. Outbuildings inadequate or in bad repair | ...                     | —  | c. Ventilation otherwise defective               | ...                     | 3 |
| b. Approach to back of house unsatisfactory | 2                       | 2  | d. Artificial lighting defective                 | ...                     | — |
| c. Storage of refuse unsatisfactory         | ...                     | 17 | (See also 8 d)                                   |                         |   |
| d. Animals improperly kept                  | ...                     | 3  | 4. <i>Space Heating.</i>                         |                         |   |
| 2. <i>Prevention of Dampness.</i>           |                         |    | a. Firegrate, flue; defective                    | ...                     | 5 |
| a. Roof, chimney, defective                 | ...                     | 34 | b. Rooms inadequately heated                     | ...                     | — |
| b. Gutters, downpipes defective             | ...                     | 19 | 5. <i>Food, Cooking.</i>                         |                         |   |
| c. Drainage of ground unsatisfactory        | ...                     | —  | a. Storage of food unsatisfactory                | ...                     | — |
| d. Walls, doors, windows, defective         | ...                     | 56 | b. Cooking arrangements unsatisfactory           | 2                       | 4 |
| e. Damp-proof course defective              | ...                     | 2  | c. Sink, drainage unsatisfactory                 | ...                     | 1 |
| f. Sub-floor ventilation defective          | ...                     | 7  | 6. <i>Water Supply.</i>                          |                         |   |
| g. Solid floor defective                    | 1                       | 3  | a. Water supply not satisfactory                 | ...                     | 4 |
| h. Soil against walls above d.p.c.          | ...                     | 6  | b. Main supply disconnected                      | ...                     | — |
| 3. <i>Lighting, Ventilation.</i>            |                         |    | 7. <i>Washing Arrangements.</i>                  |                         |   |
| a. Obstruction to light and air             | ...                     | —  | a. No bath                                       | ...                     | — |
|   |                         |    | b. Bath defective                                | ...                     | — |
|   |                         |    | c. Arrangements for heating water unsatisfactory | ...                     | 1 |



| Cases<br>Found Remedied                     |    |    |  | Cases<br>Found Remedied                    |    |    |  |
|---|----|----|--|--|----|----|--|
| 8. <i>Closet Accommodation.</i>             |    |    |  | 9. <i>Repair, Decoration, Cleanliness.</i> |    |    |  |
| a. Pail closet defective ...                | —  | —  |  | a. Internal structures defective ...       | 35 | 51 |  |
| b. Water closet, soil drains, defective ... | 61 | 66 |  | b. Decoration in bad state ...             | 10 | 20 |  |
| c. Approach to outside closet not protected | —  | —  |  | c. Lack of cleanliness                     | 1  | 1  |  |
| d. Lighting, ventilation, inadequate ...    | —  | —  |  | d. Infestation with bugs, etc. ...         | 6  | 6  |  |

## Insanitary Houses.

No major reconditioning or reconstruction of property under the Housing Acts was carried out in the district during the year. It was possible, however, without having to prosecute or carry out work in default, to get owners to execute a number of minor repairs that were reported as far back as 1949.

Details concerning insanitary properties that may be the subject of demolition action in the next few years were submitted to the Planning Authority at the request of the Divisional Planning Officer. Before the periodic revision of the town map takes place, it will undoubtedly be necessary to survey many of the older dwellings.

Again, a large number of reinspections have been necessary to enforce the repair of housing defects, and it was unfortunate that many of these visits were fruitless, owing to the occupiers being constantly out.

## Moveable Dwellings.

During the year one site licence was issued, permitting thirty-five caravans to be stationed on the site, which was provided with a main water supply and cesspool drainage. Forty-four licences were issued in respect of caravans on other sites, there being eleven sites in Bushey on which two or more caravans are stationed.

Five licences were refused during the year. One occupier of land was successfully prosecuted for permitting caravans to be stationed on his land without a licence, while in another case the owner of the land co-operated with the Council and moved eight caravans from an unsuitable site.

The water supply, sanitary accommodation, disposal of refuse, etc. on all sites where licences have been issued, have been maintained in a satisfactory condition, and 166 visits were made during the year to the various caravans and sites in the district. It is estimated that there are now over 125 caravans stationed in Bushey, most of the unlicensed ones being stationed on the site which was the subject of a prosecution, and which is now the subject of action under the Town and Country Planning Act.

Gypsy caravans have also caused considerable trouble within the district, and every effort is made, in co-operation with the police, to remove these unauthorised campers. No less than twenty visits were made for this purpose. The attitude adopted by the gypsies is stiffening, and it may be necessary for legal action to be taken concerning the nuisances, etc., caused by them.

It will be seen from the above remarks that the time spent in dealing with the various caravan problems is considerable, often causing delay in the routine inspection of other premises.

## Water Supply.

The public supply is adequate and chlorinated, and, as far as is known, only one house and a small group of factories are not connected with this supply, the house having its own bore hole.

## Swimming Pool — Examination of Water.

Nine samples of water were taken and submitted for bacteriological examination. These all proved satisfactory. Regular daily tests were made to ascertain the residual chlorine in the water, and the chemical treatment of the water was varied accordingly.

## Milk Supply.

Seven inspections were made of dairy premises and thirteen samples of designated milks taken. Upon examination these were all found to be satisfactory. There are two dairies in Bushey and eight distributors. Eight supplementary licences and seven dealers' licences were issued during the year.

## Inspection of Food.

The following is a list of food condemned during 1951 :—

Carcase meat 60lbs., Meat 49 tins, Tinned meat 211lbs., Wet fish 14lbs., Fish 6 tins, Milk 14 tins, Soup 16 tins, Vegetables 62 tins, Miscellaneous Fruits 36 tins and 5 bottles, Jam 7 tins and 1 jar, Miscellaneous Foods 143 tins or packets.

Ninety-one visits were made to the various food premises in the district, and the occupiers co-operated well with the Council, adopting the various recommendations made, including the provision of water heaters and additional washing facilities.

It was not necessary to take any formal action to enforce either the provisions of the Food and Drugs Act, 1938, or the Bye-laws made under Section 15 of that Act.

Seven premises are registered under the Act in connection with the manufacture of sausages, cooked meats, etc.

## Ice Cream.

There are two small manufacturers in the district, both using the " Complete Cold Mix " method of production. During the year four additional premises were registered for the sale of ice cream, making a total of nineteen on the register.

Thirty-two samples were taken during 1951 and after bacteriological examination were placed in the following grades :—

Grade I, 16. Grade II, 8. Grade III, 4. Grade IV, 3.

It was not possible to check one sample of " choc-ice " that was submitted for examination, and as one of the Grade 4 samples was of the " strawberry " type, the bacteriologist reported that the result could not be regarded as authentic, owing to the pink dye present interfering with the test.

Appropriate follow-up action was taken in the case of Grade III or IV samples, and where the firm manufacturing the ice cream was situated outside the district, the appropriate Local Authority was notified.

## Disinfection (1) ; Disinfestation (2).

|                 |         |         |     |     |     |     |       |     |
|-----------------|---------|---------|-----|-----|-----|-----|-------|-----|
| Number of cases | (1) 21. | (2) 41. | ... | ... | ... | ... | Total | 62. |
|-----------------|---------|---------|-----|-----|-----|-----|-------|-----|

Six premises were disinfested following complaints of bugs ; while twenty-one wasps' nests in buildings were disposed of. It is noticed that there has been a reduction in the number of people requesting woodwork to be sprayed, following the effects of wood-boring insects, only five such requests having been received during the year.



Rodent Control.

Prevention of Damage by Pests Act, 1949

|  | Local<br>Authority | Dwelling<br>Houses    | Agri-<br>cultural | All other,<br>incl.<br>Business &<br>Industry | Total |
|--|--------------------|-----------------------|-------------------|---|-------|
| 1. Total No. of properties in L.A.s' district ... ..                         | 20                 | 4,135                 | 39                | 224   | 4,418 |
| 2. No. of properties inspected by L.A. during 1951 as a result               |                    |                       |                   |   |       |
| (a) of notification or   | (a) 1              | 129                   | 2                 | 8   | 140   |
| (b) otherwise.   | (b) 9              | 304                   | 4                 | 11  | 328   |
| 3. No. of properties (under 2) found to be infested by rats                  | (a)                |                       | 1                 | 1   | 2     |
| (a) Major (b) Minor, Infest.,  | (b) 1              | 89                    | 1                 | 2   | 93    |
| 4. No. of properties (under 2) found to be seriously infested by mice ... .. | —                  | —<br>(see note below) | —                 | —   | —     |
| 5. No. of infested properties (under 3 & 4) treated by the L.A. ...          | 1                  | 89                    | 2                 | 3   | 95    |
| 6. No. of notices served under Section 4 :                                   |                    |                       |                   |   |       |
| (1) Treatment ... ..   | —                  | —                     | —                 | —   | —     |
| (2) Structural Works (i.e. Proofing)... ..                                   | —                  | —                     | —                 | —   | —     |

7. Number of cases in which default action was taken by L.A. following issue of notice under S. 4; 0.
8. Legal Proceedings, 0.
9. Number of “ block control ” schemes carried out, 0.

NOTE. During the year, eight dwelling houses and one business property were treated following minor infestations by mice.

SEWER CONTROL.

In September 1951, eighty-three manholes were test baited, and it is pleasing to report again that no “ takes ” were recorded.

Cesspools, Pail Closets, and Drainage.

There was no change in the number (160) of cesspools emptied by the Council, but one scheme whereby main drainage is to be provided was approved, and this will result in twelve houses being connected to the sewer, together with one large establishment, the cesspool of which is emptied twice weekly by contractors. It is hoped that work on this scheme will commence in 1952.

Every effort is being made to provide main drainage in Caldecote Gardens, where forty-five bungalows are connected to cesspools. Although everything is being done by the Council to improve the emptying service, nevertheless it is not infrequent for some of the cesspools to overflow on to the roadway, and it is felt that this is due in no small way to more people living in the bungalows, and the more frequent use of baths.

There are six pail closets in the district emptied by the Council ; four weekly, and two, twice weekly.

During the year, 168 inspections were made in connection with the provision of new and altered drainage systems.

**Public Cleansing.**

(a) REFUSE COLLECTION.

Collection is carried out by contract, two low-loading metal covered vehicles being used.

(b) REFUSE DISPOSAL.

The refuse is disposed of by controlled tipping, and it is satisfactory to report that the mule-dozer which is used in connection with the disposal has proved very efficient with regard to preventing insect pests and rodents establishing themselves on the tip.

**Complaints and Notices.**

During the year 106 complaints were received, and the following figures show the number of Notices served and those complied with. No Court proceedings were necessary :

|   |     |     |     |    |
|---|-----|-----|-----|----|
| Informal Notices outstanding on 1st January 1951  | ... | ... | ... | 63 |
| „ „ served during 1951                            | ... | ... | ... | 61 |
| „ „ complied with during 1951                     | ... | ... | ... | 73 |
| Statutory Notices outstanding on 1st January 1951 | ... | ... | ... | 2  |
| „ „ served during 1951                            | ... | ... | ... | 6  |
| „ „ complied with                                 | ... | ... | ... | 7  |

# ADMINISTRATION OF THE FACTORIES ACTS, 1937 and 1948.

## 1.—Inspections for the purposes of provisions as to health.

| Premises<br>(1)   | Number<br>on<br>Register<br>(3) | Number of          |                           |                                |
|---|---------------------------------|--------------------|---------------------------|--------------------------------|
|   |                                 | Inspections<br>(4) | Written<br>notices<br>(5) | Occupiers<br>prosecuted<br>(6) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..                     | 5                               | 6                  | —                         | —                              |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..                     | 58                              | 18                 | 1                         | —                              |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... .. | 3                               | 2                  | —                         | —                              |
| TOTAL ...   | 66                              | 26                 | 1                         | —                              |

## 2.—Cases in which defects were found.

| Particulars<br>(1)  | Number of cases in which defects were found |                 |                             |                             | Number of<br>cases in<br>which<br>prosecu-<br>tions were<br>instituted<br>(7) |
|---|---|-----------------|-----------------------------|-----------------------------|---|
|   | Found<br>(3)                                | Remedied<br>(4) | To H.M.<br>Inspector<br>(5) | By H.M.<br>Inspector<br>(6) |   |
| Want of cleanliness (S.1)   | —   | —               | —                           | —                           | —   |
| Overcrowding (S.2) ...  | —   | —               | —                           | —                           | —   |
| Unreasonable temperature (S.3) ... ..                                       | —   | —               | —                           | —                           | —   |
| Inadequate ventilation (S.4) ... ..   | —   | —               | —                           | —                           | —   |
| Ineffective drainage of floors (S.6) ... ..                                 | —   | —               | —                           | —                           | —   |
| Sanitary Conveniences (S.7)   |   |                 |                             |                             |   |
| (a) insufficient ... ..   | —   | —               | —                           | —                           | —   |
| (b) Unsuitable or defective ... ..  | 1   | 1               | —                           | 1                           | —   |
| (c) Not separate for sexes  | —   | —               | —                           | —                           | —   |
| Other offences against the Act (not including offences relating to Outwork) | —   | —               | —                           | —                           | —   |
| TOTAL ...   | 1   | 1               | —                           | 1                           | —   |

Outworkers S.110 (i) (c) :—Number, 4. Notices, etc., Nil.

# CHORLEYWOOD

## URBAN DISTRICT

### General.

Area of District (land and inland water), 2,055 acres.

Highest Point—Near water tower at the Swillet, 410.6ft.

Lowest Point—Junction of Meadow Way and Belfry Lane, 160.3ft.  
(above mean sea-level).

Number of structurally separate dwellings occupied at 1st April, 1951; 1,405.

Rateable value at 1st April, 1951; £56,628.

Sum represented by a penny-rate, £230.

### Vital Statistics.

Population (Registrar-General's estimates at mid-year) .

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 1951  | 1950  | 1949  | 1948  | 1947  | 1946  | 1945  | 1939  |
| 4,480 | 4,680 | 4,700 | 4,530 | 4,207 | 4,058 | 3,967 | 3,775 |

Birth-Rate (live births per 1,000 of population) :

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
| 12.5 | 8.1  | 12.1 | 14.1 | 13.5 | 19.0 | 13.1 | 9.0  |

(Area Comparability Factor, 1.06)

Infantile Mortality Rate (deaths under 1 year per 1,000 live births) :

|      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|
| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
| 0    | 52   | 52   | 31   | 52   | 39   | 19   | 29   |

Death-Rate :

Vide—Summary “ Causes of Death.”  
(Area Comparability Factor, 0.84)

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

|           |     |     |   | Pulmonary. |         | Non-Pulmonary. |         |
|-----------|-----|-----|---|------------|---------|----------------|---------|
|           |     |     |   | Male.      | Female. | Male.          | Female. |
| New cases | ... | ... | — |            | 1       | —              | —       |
| Deaths    | ... | ... | — |            | —       | —              | —       |



NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to AGE and SEX

1951

| AGE<br>GROUPS | Scarlet<br>Fever |   | Whooping<br>Cough |   | Acute poliomyelitis |   |               |   | Measles<br>(Exc. Rubella) |    | Diphtheria |   |
|---------------|------------------|---|-------------------|---|---------------------|---|---------------|---|---------------------------|----|------------|---|
|               |                  |   |                   |   | Paralytic           |   | Non-paralytic |   |                           |    |            |   |
|               | M                | F | M                 | F | M                   | F | M             | F | M                         | F  | M          | F |
| 0— ...        |                  |   |                   |   |                     |   |               |   | 1                         |    |            |   |
| 1— ...        |                  |   | 2                 |   |                     |   |               |   | 9                         | 9  |            |   |
| 3— ...        |                  |   |                   | 2 |                     |   |               |   | 13                        | 10 |            |   |
| 5— ...        |                  |   | 2                 | 2 |                     |   |               |   | 22                        | 24 |            |   |
| 10— ...       |                  |   |                   |   |                     |   |               |   | 2                         | 5  |            |   |
| 15— ...       | 1                | 1 |                   |   |                     |   |               |   | 1                         | 2  |            |   |
| 25 and over   |                  |   |                   |   |                     |   |               |   |                           | 1  |            |   |
| TOTAL ...     | 1                | 1 | 4                 | 4 | —                   | — | —             | — | 48                        | 51 | —          | — |

| AGE<br>GROUPS | Ac.<br>Pneumonia |   | Dysentery |   | Smallpox |   | Acute encephalitis |   |                 |   | Enteric or<br>Typhoid Fever |   |
|---------------|------------------|---|-----------|---|----------|---|--------------------|---|-----------------|---|-----------------------------|---|
|               |                  |   |           |   |          |   | Infective          |   | Post-infectious |   |                             |   |
|               | M                | F | M         | F | M        | F | M                  | F | M               | F | M                           | F |
| 0— ...        |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 5— ...        |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 15— ...       |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 45— ...       |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 65 and over   |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| TOTAL ...     | —                | — | —         | — | —        | — | —                  | — | —               | — | —                           | — |

| AGE<br>GROUPS | Paratyphoid<br>Fever |   | Erysipelas |   | Meningococcal<br>Infection |   | Food<br>Poisoning |   | Other Notifiable Diseases   |     |   |
|---------------|----------------------|---|------------|---|----------------------------|---|-------------------|---|-----------------------------|-----|---|
|               | M                    | F | M          | F | M                          | F | M                 | F |                             | M   | F |
| 0— ...        |                      |   |            |   |                            |   |                   |   | Puerperal<br>Pyrexia ... .. | ... | — |
| 5— ...        |                      |   |            |   |                            |   |                   |   | Ophthalmia<br>Neonatorum... | —   | — |
| 15— ...       |                      |   |            |   |                            |   |                   |   | Malaria ... ..              | —   | — |
| 45— ...       |                      |   |            |   |                            |   |                   |   | Plague ... ..               | —   | — |
| 65 and over   |                      |   |            |   |                            |   |                   |   | Relapsing Fever             | —   | — |
|               |                      |   |            |   |                            |   |                   |   | Typhus Fever...             | —   | — |
| TOTAL ...     | —                    | — | —          | — | —                          | — | —                 | — |                             |     |   |

# THE CAUSES OF DEATH

# DEATH-RATE

(Deaths per 1,000 of population)

1951

|                   |   |     |     |     | Males | Females |                   |     |     |
|-------------------|---|-----|-----|-----|-------|---------|-------------------|-----|-----|
| All Causes ... .. |   |     |     |     | 23    | 15      | 1951              | ... | ... |
| 1                 | Tuberculosis, respiratory               | ... | ... | ... | —     | —       | 8.5               | ... | ... |
| 2                 | Tuberculosis, other                     | ... | ... | ... | —     | —       | 10.0              | ... | ... |
| 3                 | Syphilitic disease                      | ... | ... | ... | —     | —       | 11.3              | ... | ... |
| 4                 | Diphtheria                              | ... | ... | ... | —     | —       | 9.7               | ... | ... |
| 5                 | Whooping cough                          | ... | ... | ... | —     | —       | 14.0              | ... | ... |
| 6                 | Meningococcal infections                | ... | ... | ... | —     | —       | 12.6              | ... | ... |
| 7                 | Acute poliomyelitis                     | ... | ... | ... | —     | —       | 9.3               | ... | ... |
| 8                 | Measles                                 | ... | ... | ... | —     | —       | 11.2              | ... | ... |
| 9                 | Other infective and parasitic diseases  | ... | ... | ... | —     | —       | 13.0              | ... | ... |
| 10                | Malignant neoplasm, stomach             | ... | ... | ... | 1     | —       | 10.7              | ... | ... |
| 11                | Malignant neoplasm, lung, bronchus      | ... | ... | ... | 1     | —       | 10.3              | ... | ... |
| 12                | Malignant neoplasm, breast              | ... | ... | ... | —     | —       | 9.7               | ... | ... |
| 13                | Malignant neoplasm, uterus              | ... | ... | ... | —     | —       | 9.6               | ... | ... |
| 14                | Other malignant and lymphatic neoplasms | ... | ... | ... | —     | —       | 9.9               | ... | ... |
| 15                | Leukaemia, aleukaemia                   | ... | ... | ... | 2     | 4       | 10.5              | ... | ... |
| 16                | Diabetes                                | ... | ... | ... | —     | —       | 9.7               | ... | ... |
| 17                | Vascular lesions of nervous system      | ... | ... | ... | —     | —       | 7.7               | ... | ... |
| 18                | Coronary disease, angina                | ... | ... | ... | 3     | 4       | 10.3              | ... | ... |
| 19                | Hypertension with heart disease         | ... | ... | ... | 4     | 1       | 6.7               | ... | ... |
| 20                | Other heart disease                     | ... | ... | ... | —     | —       | 10.9              | ... | ... |
| 21                | Other circulatory disease               | ... | ... | ... | 4     | 3       |                   |     |     |
| 22                | Influenza                               | ... | ... | ... | 2     | 1       |                   |     |     |
| 23                | Pneumonia                               | ... | ... | ... | —     | —       | England and Wales |     |     |
| 24                | Bronchitis                              | ... | ... | ... | 1     | —       | 1951              | ... | ... |
| 25                | Other diseases of respiratory system    | ... | ... | ... | 1     | —       | 12.5              | ... | ... |
| 26                | Ulcer of stomach and duodenum           | ... | ... | ... | —     | —       | 11.6              | ... | ... |
| 27                | Gastritis, enteritis and diarrhoea      | ... | ... | ... | —     | —       | 11.7              | ... | ... |
| 28                | Nephritis and nephrosis                 | ... | ... | ... | —     | —       | 10.8              | ... | ... |
| 29                | Hyperplasia of prostate                 | ... | ... | ... | —     | 1       | 12.0              | ... | ... |
| 30                | Pregnancy, childbirth, abortion         | ... | ... | ... | —     | —       | 11.5              | ... | ... |
| 31                | Congenital malformations                | ... | ... | ... | —     | —       | 11.4              | ... | ... |
| 32                | Other defined and ill-defined diseases  | ... | ... | ... | —     | —       | 11.6              | ... | ... |
| 33                | Motor vehicle accidents                 | ... | ... | ... | 4     | —       | 12.1              | ... | ... |
| 34                | All other accidents                     | ... | ... | ... | —     | —       | 11.6              | ... | ... |
| 35                | Suicide                                 | ... | ... | ... | —     | 1       | 12.9              | ... | ... |
| 36                | Homicide and operations of war          | ... | ... | ... | —     | —       | 14.6              | ... | ... |
|                   |   |     |     |     |       |         | 1940              | ... | ... |
|                   |   |     |     |     |       |         | 1939              | ... | ... |
|                   |   |     |     |     |       |         | 1938              | ... | ... |

SANITARY CONDITIONS

W. E. HANDS,  
Member Royal Sanitary Institute. Inspector, Meat and other Foods.

HOUSING STATISTICS.

|  |     |     |     |     |     |     |     |    |
|--|-----|-----|-----|-----|-----|-----|-----|----|
| Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts  | ... | ... | ... | ... | ... | ... | ... | 93 |
| Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation                                   | ... | ... | ... | ... | ... | ... | ... | —  |
| Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation | ... | ... | ... | ... | ... | ... | ... | 67 |
| Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority   | ... | ... | ... | ... | ... | ... | ... | 74 |
| Number of structurally separate dwellings erected during the year :  |     |     |     |     |     |     |     |    |
| (1) By the Local Authority   | ... | ... | ... | ... | ... | ... | ... | 10 |
| (2) By other bodies or persons   | ... | ... | ... | ... | ... | ... | ... | 8  |

SUMMARY OF HOUSING DEFECTS.

The number of defects found on inspection is followed by the number remedied during the year.

| Cases Found Remedied                        |     |       |     | Cases Found Remedied                     |     |       |     |
|---|-----|-------|-----|--|-----|-------|-----|
| 1. <i>Site.</i>                             |     |       |     | h. Soil against walls above d.p.c.       | ... | —     | —   |
| a. Outbuildings inadequate or in bad repair | ... | ...   | 3 3 | 3. <i>Lighting, Ventilation.</i>         |     |       |     |
| b. Approach to back of house unsatisfactory | 6   | 6     |     | a. Obstruction to light and air          | ... | ...   | — — |
| c. Storage of refuse unsatisfactory         | ... | 11 4  |     | b. Window area or opening below standard | ... | ...   | — — |
| d. Animals improperly kept                  | ... | — —   |     | c. Ventilation otherwise defective       | ... | 3 3   |     |
| 2. <i>Prevention of Dampness.</i>           |     |       |     | d. Artificial lighting defective         | ... | 9 9   |     |
| a. Roof, chimney, defective                 | ... | 14 13 |     | 4. <i>Space Heating.</i>                 |     |       |     |
| b. Gutter, downpipes, defective             | ... | 29 29 |     | a. Firegrate, flue; defective            | ... | 17 17 |     |
| c. Drainage of ground unsatisfactory        | ... | 1 —   |     | b. Rooms inadequately heated             | ... | — —   |     |
| d. Walls, doors, windows, defective         | ... | 11 10 |     | 5. <i>Food, Cooking.</i>                 |     |       |     |
| e. Damp-proof course defective              | ... | 1 1   |     | a. Storage of food unsatisfactory        | ... | — —   |     |
| f. Sub-floor ventilation defective          | ... | 4 4   |     | b. Cooking arrangements unsatisfactory   | —   | —     |     |
| g. Solid floor defective                    | —   | —     |     | c. Sink, drainage unsatisfactory         | ... | 14 12 |     |



|                                 |   |     |     |   | Cases<br>Found Remedied |  |    |  |  |     |    | Cases<br>Found Remedied |  |  |
|---------------------------------|---|-----|-----|---|-------------------------|--|----|--|--|-----|----|-------------------------|--|--|
| 6. <i>Water Supply.</i>         |   |     |     |   |                         |  |    |  |  |     |    |                         |  |  |
| a.                              | Water supply not satisfactory                 | ... | —   | — |                         |  | b. | Water closet, soil drains, defective ...   | 21                                       | 21  |    |                         |  |  |
| b.                              | Main supply disconnected                      | ... | ... | — | —                       |  |    | c.   | Approach to outside closet not protected | —   | —  |                         |  |  |
|                                 |   |     |     |   |                         |  | d. | Lighting, ventilation, inadequate          | ...                                      | —   | —  |                         |  |  |
| 7. <i>Washing Arrangements.</i> |   |     |     |   |                         |  |    |  |  |     |    |                         |  |  |
| a.                              | No bath                                       | ... | ... | — | —                       |  |    | 9. <i>Repair, Decoration, Cleanliness.</i> |  |     |    |                         |  |  |
| b.                              | Bath defective                                | ... | 2   | 2 |                         |  | a. | Internal structures, defective             | ...                                      | 19  | 41 |                         |  |  |
| c.                              | Arrangements for heating water unsatisfactory | ... | 11  | 7 |                         |  | b. | Decoration in bad state                    | ...                                      | 57  | 53 |                         |  |  |
| 8. <i>Closet Accommodation.</i> |   |     |     |   |                         |  | c. | Lack of cleanliness                        | —  | —   |    |                         |  |  |
| a.                              | Pail closet defective                         | ... | ... | — | —                       |  |    | d.   | Infestation with bugs, etc....           | ... | —  | —                       |  |  |



INSPECTION OF MEAT AND OTHER FOODS.

A summary of the food condemned at various shop premises during the year is set out below :

Sausages 24lbs., Meat (tinned) 21lbs., Fish 5 tins, Jam 3lb., Milk 5 tins, Fruit 32 tins, Various Vegetables 8 tins, Miscellaneous Foods 10 tins, Flour 112lbs.

Disinfection (1), Disinfestation (2).

Number of cases      (1)   2      (2)   0   ...      ...      ...      ..      Total   2

Public Cleansing.

Direct Labour.    Vehicles Employed—One motor vehicle with sliding metal covers.    Disposal by Controlled Tipping.

Rodent Control.

(Prevention of Damage by Pests Act, 1949)

PREVALENCE OF RATS AND MICE.

| Type and number of Properties |         |     | Number of Properties infested |     | Infestation by |            |     | Mice only |
|-------------------------------|---------|-----|-------------------------------|-----|----------------|------------|-----|-----------|
|                               |         |     |                               |     | Major          | Rats Minor |     |           |
| Local Authorities             | (2)     | ... | —                             | ... | —              | —          | ... | —         |
| Dwelling Houses               | (1,419) | ... | 50                            | ... | —              | 50         | ... | 1         |
| Business Premises             | (87)    | ... | —                             | ... | —              | —          | ... | —         |
| Agricultural                  | (9)     | ... | 2                             | ... | —              | 2          | ... | —         |
| Total                         | ...     | ... | (1,517)                       | ... | —              | 52         | ... | 1         |

MEASURES OF CONTROL.

Properties inspected : 176.    Inspections made : 201.  
Notices served for—Treatments : —.    Proofing works : —  
Number of treatments :  
    (a) by arrangement with L.A., Rats, 52; Mice only, 1.  
    (b) After formal notice (S.5), Rats, —; Mice only, —.

BLOCK TREATMENT.

Blocks, 1.    Separate occupancies, 5.    Manholes, —.

SEWER CONTROL.

Ten per cent of the sewer manholes within the district were baited and found to be free from infestation.

GENERAL.

42 complaints were received regarding wasps and 49 nests were destroyed.

# ADMINISTRATION OF THE FACTORIES ACTS, 1937 and 1948.

## 1.—Inspections for the purposes of provisions as to health.

| Premises<br>(1)   | Number<br>on<br>Register<br>(3) | Number of          |                           |                                |
|---|---------------------------------|--------------------|---------------------------|--------------------------------|
|   |                                 | Inspections<br>(4) | Written<br>notices<br>(5) | Occupiers<br>prosecuted<br>(6) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..                     | 8                               | 8                  | —                         | —                              |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..                     | 16                              | 21                 | —                         | —                              |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... .. | —                               | —                  | —                         | —                              |
| TOTAL ...   | 24                              | 29                 | —                         | —                              |

## 2.—Cases in which defects were found.

| Particulars<br>(1)   | Number of cases in which defects were found |                 |   |                             | Number of<br>cases in<br>which<br>prosecu-<br>tions were<br>instituted<br>(7) |
|--|---|-----------------|---|-----------------------------|---|
|  | Found<br>(3)                                | Remedied<br>(4) | Referred<br>To H.M.<br>Inspector<br>(5) | By H.M.<br>Inspector<br>(6) |   |
| Want of cleanliness (S.1)  | 3   | 3               | —                                       | —                           | —   |
| Overcrowding (S.2) ...   | —   | —               | —                                       | —                           | —   |
| Unreasonable temperature (S.3) ... ..                              | —   | —               | —                                       | —                           | —   |
| Inadequate ventilation (S.4) ... ..                                | —   | —               | —                                       | —                           | —   |
| Ineffective drainage of floors (S.6) ... ..                        | —   | —               | —                                       | —                           | —   |
| Sanitary Conveniences (S.7)  |   |                 |   |                             |   |
| (a) insufficient ... ..  | 2   | 2               | —                                       | —                           | —   |
| (b) Unsuitable or defective ... ..                                 | —   | —               | —                                       | —                           | —   |
| (c) Not separate for sexes   | —   | —               | —                                       | —                           | —   |
| Other offences (not including offences relating to Outwork) ... .. | —   | —               | —                                       | —                           | —   |
| TOTAL ...  | 5   | 5               | —                                       | —                           | —   |

Outworkers S.110 (i) (c) :—Number, 3. Notices, etc., Nil.

# RICKMANSWORTH

## URBAN DISTRICT

---

### General.

Area (land and inland water), 7,639 acres.

Number of separately rated dwellings at 1st April, 1951; 7,025

Rateable value at 1st April, 1951, £231,245.

Sum represented by a penny-rate, £938.

### Vital Statistics.

Population (Registrar General's estimates at mid-year) :

| 1951   | 1950   | 1949   | 1948   | 1947   | 1946   | 1945   | 1939   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 25,310 | 24,980 | 25,000 | 24,920 | 23,690 | 23,060 | 21,870 | 19,930 |

Birth-Rate (live births per 1,000 of population) :

| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
|------|------|------|------|------|------|------|------|
| 13.6 | 15.8 | 15.9 | 16.6 | 21.7 | 20.2 | 15.3 | 18.8 |

(Area Comparability Factor, 0.95)

Infantile Mortality Rate (deaths under 1 year per 1,000 live births) :

| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
|------|------|------|------|------|------|------|------|
| 14   | 25   | 28   | 24   | 31   | 34   | 27   | 32   |

Death-Rate :

Vide—Summary “ Causes of Death.”

(Area Comparability Factor, 1.11)

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

|           |     |     |     | Pulmonary. |         | Non-Pulmonary. |         |
|-----------|-----|-----|-----|------------|---------|----------------|---------|
|           |     |     |     | Male.      | Female. | Male.          | Female. |
| New cases | ... | ... | ... | 9          | 8       | —              | —       |
| Deaths    | ... | ... | ... | 1          | 1       | —              | —       |

# NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to AGE and SEX

1951

| AGE<br>GROUPS | Scarlet<br>Fever |   | Whooping<br>Cough |    | Acute poliomyelitis |   |               |   | Measles<br>(Exc. Rubella) |     | Diphtheria |   |
|---------------|------------------|---|-------------------|----|---------------------|---|---------------|---|---------------------------|-----|------------|---|
|               |                  |   |                   |    | Paralytic           |   | Non-paralytic |   |                           |     |            |   |
|               | M                | F | M                 | F  | M                   | F | M             | F | M                         | F   | M          | F |
| 0— ...        |                  |   |                   | 5  |                     |   |               |   | 1                         | 2   |            |   |
| 1— ...        | 1                |   | 5                 | 16 |                     |   |               |   | 37                        | 40  |            |   |
| 3— ...        | 1                | 2 | 9                 | 13 |                     |   |               |   | 53                        | 56  |            |   |
| 5— ...        | 4                | 1 | 7                 | 10 |                     |   |               | 1 | 81                        | 59  |            |   |
| 10— ...       | 1                |   |                   |    |                     |   |               |   | 25                        | 3   |            |   |
| 15— ...       |                  |   |                   |    |                     |   |               |   | 8                         | 3   |            |   |
| 25 and over   |                  |   | 1                 |    |                     |   |               |   |                           | 3   |            |   |
| TOTAL ...     | 7                | 3 | 22                | 44 | —                   | — | —             | 1 | 205                       | 166 | —          | — |

| AGE<br>GROUPS | Ac.<br>Pneumonia |   | Dysentery |   | Smallpox |   | Acute encephalitis |   |                 |   | Enteric or<br>Typhoid Fever |   |
|---------------|------------------|---|-----------|---|----------|---|--------------------|---|-----------------|---|-----------------------------|---|
|               |                  |   |           |   |          |   | Infective          |   | Post-infectious |   |                             |   |
|               | M                | F | M         | F | M        | F | M                  | F | M               | F | M                           | F |
| 0— ...        |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 5— ...        |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 15— ...       |                  |   |           | 1 |          |   |                    |   |                 |   |                             |   |
| 45— ...       |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| 65 and over   |                  |   |           |   |          |   |                    |   |                 |   |                             |   |
| TOTAL ...     | —                | — | —         | 1 | —        | — | —                  | — | —               | — | —                           | — |

| AGE<br>GROUPS | Paratyphoid<br>Fever |   | Erysipelas |   | Meningococcal<br>infection |   | Food<br>Poisoning |   | Other Notifiable Diseases    |     |   |
|---------------|----------------------|---|------------|---|----------------------------|---|-------------------|---|------------------------------|-----|---|
|               | M                    | F | M          | F | M                          | F | M                 | F |                              | M   | F |
| 0— ...        |                      |   |            |   |                            |   |                   |   | Puerperal<br>Pyrexia ...     | ... | — |
| 5— ...        |                      |   |            |   |                            |   |                   |   | Ophthalmia<br>Neonatorum ... | 1   | — |
| 15— ...       |                      |   | 1          | 1 |                            |   |                   |   | Malaria ...                  | —   | — |
| 45— ...       |                      |   | 1          |   |                            |   |                   |   | Plague ...                   | —   | — |
| 65 and over   |                      |   |            |   |                            |   |                   |   | Relapsing Fever              | —   | — |
|               |                      |   |            |   |                            |   |                   |   | Typhus Fever...              | —   | — |
| TOTAL ...     | —                    | — | 2          | 1 | —                          | — | —                 | — |                              |     |   |



THE CAUSES OF DEATH

1951

DEATH-RATE

(Deaths per 1,000 of population)

|                   |   |     |     |  | Males | Females |                   |     |     |      |
|-------------------|---|-----|-----|--|-------|---------|-------------------|-----|-----|------|
| All Causes ... .. |   |     |     |  | 121   | 110     | 1951              | ... | ... | 9.1  |
| 1                 | Tuberculosis, respiratory               | ... | ... |  | 1     | 1       | 1950              | ... | ... | 8.9  |
| 2                 | Tuberculosis, other                     | ... | ... |  | —     | —       | 1949              | ... | ... | 9.3  |
| 3                 | Syphilitic disease                      | ... | ... |  | —     | —       | 1948              | ... | ... | 8.5  |
| 4                 | Diphtheria                              | ... | ... |  | —     | —       | 1947              | ... | ... | 9.9  |
| 5                 | Whooping cough                          | ... | ... |  | —     | —       | 1946              | ... | ... | 8.1  |
| 6                 | Meningococcal infections                | ... | ... |  | —     | —       | 1945              | ... | ... | 10.1 |
| 7                 | Acute poliomyelitis                     | ... | ... |  | —     | —       | 1944              | ... | ... | 9.8  |
| 8                 | Measles                                 | ... | ... |  | —     | 1       | 1943              | ... | ... | 10.1 |
| 9                 | Other infective and parasitic diseases  | ... | ... |  | 1     | —       | 1942              | ... | ... | 8.7  |
| 10                | Malignant neoplasm, stomach             | ... |     |  | 6     | 1       | 1941              | ... | ... | 8.5  |
| 11                | Malignant neoplasm, lung, bronchus      |     |     |  | 6     | 1       | 1940              | ... | ... | 8.3  |
| 12                | Malignant neoplasm, breast              | ... |     |  | —     | 3       | 1939              | ... | ... | 8.5  |
| 13                | Malignant neoplasm, uterus              | ... |     |  | —     | 1       | 1938              | ... | ... | 7.9  |
| 14                | Other malignant and lymphatic neoplasms | ... | ... |  | 12    | 6       | 1937              | ... | ... | 6.7  |
| 15                | Leukaemia, aleukaemia                   | ... | ... |  | 1     | 1       | 1936              | ... | ... | 8.6  |
| 16                | Diabetes                                | ... | ... |  | —     | 2       | 1935              | ... | ... | 10.0 |
| 17                | Vascular lesions of nervous system      |     |     |  | 8     | 20      | 1934              | ... | ... | 9.2  |
| 18                | Coronary disease, angina                | ... | ... |  | 17    | 10      | 1933              | ... | ... | 11.1 |
| 19                | Hypertension with heart disease         | ... |     |  | 6     | 1       | 1932              | ... | ... | 10.4 |
| 20                | Other heart disease                     | ... | ... |  | 14    | 21      |                   |     |     |      |
| 21                | Other circulatory disease               | ... | ... |  | 5     | 4       | England and Wales |     |     |      |
| 22                | Influenza                               | ... | ... |  | 2     | 2       | 1951              | ... | ... | 12.5 |
| 23                | Pneumonia                               | ... | ... |  | 4     | 8       | 1950              | ... | ... | 11.6 |
| 24                | Bronchitis                              | ... | ... |  | 8     | 10      | 1949              | ... | ... | 11.7 |
| 25                | Other diseases of respiratory system    |     |     |  | 1     | 1       | 1948              | ... | ... | 10.8 |
| 26                | Ulcer of stomach and duodenum           | ... |     |  | 5     | —       | 1947              | ... | ... | 12.0 |
| 27                | Gastritis, enteritis and diarrhoea      | ... |     |  | 1     | —       | 1946              | ... | ... | 11.5 |
| 28                | Nephritis and nephrosis                 | ... | ... |  | —     | 1       | 1945              | ... | ... | 11.4 |
| 29                | Hyperplasia of prostate                 | ... | ... |  | —     | —       | 1944              | ... | ... | 11.6 |
| 30                | Pregnancy, childbirth, abortion         | ... |     |  | —     | —       | 1943              | ... | ... | 12.1 |
| 31                | Congenital malformations                | ... | ... |  | 2     | —       | 1942              | ... | ... | 11.6 |
| 32                | Other defined and ill-defined diseases  |     |     |  | 10    | 10      | 1941              | ... | ... | 12.9 |
| 33                | Motor vehicle accidents                 | ... | ... |  | 1     | 2       | 1940              | ... | ... | 14.6 |
| 34                | All other accidents                     | ... | ... |  | 8     | 1       | 1939              | ... | ... | 12.1 |
| 35                | Suicide                                 | ... | ... |  | 2     | 2       | 1938              | ... | ... | 11.6 |
| 36                | Homicide and operations of war          | ... |     |  | —     | —       |                   |     |     |      |

# SANITARY CONDITIONS

C. R. ALEXANDER,

Certificate Royal Sanitary Institute and Sanitary Inspectors Examination  
Joint Board. Inspector, Meat and other Foods.

## HOUSING STATISTICS.

Number of dwelling-houses inspected for housing defects under Public  
Health or Housing Acts ... .. 150

Number of dwelling-houses found to be in a state so dangerous or  
injurious to health as to be unfit for human habitation ... .. 3

Number of dwelling-houses (exclusive of those referred to under the  
preceding section) found not to be in all respects reasonably fit for human  
habitation ... .. 107

Number of defective dwelling-houses rendered fit in consequence of  
action by the Local Authority ... .. 101

Number of structurally separate dwellings erected during the year :

(1) By the Local Authority ... .. 19

(2) By other bodies or persons ... .. 18

## SUMMARY OF HOUSING DEFECTS.

The number of defects found on inspection is followed by the number  
remedied during the year.

|  | Cases<br>Found Remedied |    |   | Cases<br>Found Remedied |   |
|--|-------------------------|----|---|-------------------------|---|
| 1. <i>Site.</i>  |                         |    | h. Soil against walls<br>above d.p.c. ...               | —                       | — |
| a. Outbuildings inade-<br>quate or in bad re-<br>pair ... .. | 3                       | 2  | 3. <i>Lighting, Ventilation.</i>                        |                         |   |
| b. Approach to back of<br>house unsatisfactory —             | —                       | —  | a. Obstruction to light<br>and air ... ..               | —                       | — |
| c. Storage of refuse un-<br>satisfactory ...                 | 47                      | 39 | b. Window area or<br>opening below stan-<br>dard ... .. | 2                       | 2 |
| d. Animals improperly<br>kept ... ..                         | 1                       | 1  | c. Ventilation other-<br>wise defective ...             | —                       | — |
| 2. <i>Prevention of Dampness.</i>                            |                         |    | d. Artificial lighting<br>defective ... ..              | —                       | — |
| a. Roof, chimney, de-<br>fective ... ..                      | 25                      | 16 | 4. <i>Space Heating.</i>                                |                         |   |
| b. Gutters, downpipes,<br>s-w drains, defective              | 14                      | 10 | a. Firegrate, flue; de-<br>fective ... ..               | 4                       | 2 |
| c. Drainage of ground<br>unsatisfactory ...                  | —                       | —  | b. Rooms inadequately<br>heated ... ..                  | —                       | — |
| d. Walls, doors, win-<br>dows, defective ...                 | 90                      | 79 | 5. <i>Food, Cooking.</i>                                |                         |   |
| e. Damp-proof course<br>defective ... ..                     | 7                       | 3  | a. Storage of food un-<br>satisfactory ...              | 3                       | 1 |
| f. Sub-floor ventilation<br>defective ... ..                 | 2                       | 1  | b. Cooking arrange-<br>ments unsatisfactory             | 4                       | 2 |
| g. Solid floor defective                                     | 2                       | 2  | c. Sink, drainage,<br>unsatisfactory ...                | 5                       | 3 |

|  |   |   |  | Cases          |  |   |    |    |  | Cases          |  |
|--|---|---|--|----------------|--|---|----|----|--|----------------|--|
|  |   |   |  | Found Remedied |  |   |    |    |  | Found Remedied |  |
| 6. <i>Water Supply.</i>                              |   |   |  |                |  | b. Water closet, soil                       |    |    |  |                |  |
| a. Well not satisfactory                             | — | — |  |                |  | drains, defective ...                       | 44 | 37 |  |                |  |
| b. Water delivered in vessels ...                    | — | — |  |                |  | c. Approach to outside closet not protected | —  | —  |  |                |  |
| c. Main supply disconnected ...                      | 2 | 2 |  |                |  | d. Lighting, ventilation, inadequate ...    | 2  | 1  |  |                |  |
| 7. <i>Washing Arrangements.</i>                      |   |   |  |                |  | 9. <i>Repair, Decoration, Cleanliness.</i>  |    |    |  |                |  |
| a. No bath ...                                       | — | — |  |                |  | a. Internal structures defective ...        | 52 | 45 |  |                |  |
| b. Bath defective.                                   | — | — |  |                |  | b. Decoration in bad state ...              | 57 | 46 |  |                |  |
| c. Arrangements for heating water unsatisfactory ... | — | — |  |                |  | c. Lack of cleanliness                      | 2  | 1  |  |                |  |
| 8. <i>Closet Accommodation.</i>                      |   |   |  |                |  | d. Infestation with bugs, etc. ...          | 5  | 5  |  |                |  |
| a. Pail closet defective ...                         | 1 | 1 |  |                |  |   |    |    |  |                |  |



Continued progress was made during the year to further improve the conditions in which food is prepared and sold, and 300 visits were made for this purpose. In connection with the enforcement of the Food and Drugs Act, 1938 and the byelaws under Section 15 of that Act, twenty-seven informal notices were served and at the end of the year twenty-three of these had been complied with. It was not necessary to take any prosecutions. The notices varied from requests to carry out fairly substantial structural improvements to relatively simple but none the less important matters. The general public are continuing to become more food hygiene conscious, while the traders are improving their premises and generally handling food in a better manner.

**Disinfection (1), Disinfestation (2).**

Number of cases      (1) 14,      (2) 5      ...      ...      ... Total 19

**Public Cleansing.**

Direct labour scheme. Disposal by controlled tipping. Efficient salvage scheme in operation since April, 1938.

**Rodent Control.**

(Prevention of Damage by Pests Act, 1949)

A summary of the annual return to the Ministry of Agriculture and Fisheries is submitted hereunder. Having regard to the different form of the return, no comparison can be made with figures submitted in previous annual reports.

The general work of rodent control was carried on steadily, and members of the public are appreciative of the assistance given. Although a charge is made for treatment at business premises it has been found that traders willingly co-operate in the work of rodent control.

The yearly test-baiting of the Council's sewers revealed a continued absence of rats.

|   | Local<br>Authority | Dwelling<br>Houses | Agri-<br>cultural | All other,<br>incl.<br>Business &<br>Industry | Total |
|---|--------------------|--------------------|-------------------|---|-------|
| 1. Total No. of properties in L.A.s' district ... ..                          | 13                 | 6,850              | 20                | 570   | 7,453 |
| 2. No. of properties inspected by L.A. during 1951 as a result                | (a) —              | 92                 | —                 | 12  | 104   |
| (a) of notification or  | (b) 12             | 189                | —                 | 46  | 247   |
| (b) otherwise.  | (a) 3              | 33                 | —                 | 3   | 39    |
| 3. No. of properties (under 2) found to be infested by rats                   | (b) 1              | 233                | —                 | 39  | 273   |
| (a) Major (b) Minor, Infest.,   |                    |                    |                   |   |       |
| 4. No. of properties (under 11) found to be seriously infested by mice ... .. | 1                  | 12                 | —                 | 15  | 28    |
| 5. No. of infested properties (under 3 & 4) treated by the L.A. ...           | 5                  | 278                | —                 | 57  | 340   |
| 6. No. of notices served under Section 4 :                                    |                    |                    |                   |   |       |
| (1) Treatment ... ..  | —                  | 2                  | —                 | —   | 2     |
| (2) Structural Works  |                    |                    |                   |   |       |
| (i.e. Proofing) ... ..  | —                  | —                  | —                 | —   | —     |

7. Number of cases in which default action was taken by L.A. following issue of notice under S. 4; 0.  
8. Legal Proceedings, 0.  
9. Number of " block control " schemes carried out, 0.

**GENERAL.**

79 complaints were received regarding wasps, and appropriate action was taken.

Bathing Pools.

There are two Swimming Baths to which the Bye-laws made under the Public Health Act, 1936, Section 223, apply.

The Ebury Road Swimming Bath is under the control of the Council. During the year the water supply from the adjacent river was cut off, a new bore sunk and water pumped into the bath. This new supply with efficient chlorination made a considerable improvement in the water supply. The bath is emptied twice during the season and thoroughly cleaned out.

Water samples were taken fortnightly for bacteriological examination and all were reported to be satisfactory. This department makes tests at least weekly for free chlorine and the Baths Superintendent also arranges for this to be done at regular intervals daily.

The Aquadrome continues to draw many thousands of people yearly and on the whole has been found to be well run. The water supply is by springs and there is no connection to adjacent rivers. Samples of water have been taken and the water reported to be satisfactory for bathing purposes.

Canal Boats, Inspection of

|                               |    |                    |   |
|-------------------------------|----|--------------------|---|
| Number of boats inspected ... | 29 | Contraventions ... | 4 |
|-------------------------------|----|--------------------|---|

Visits and Inspections during the Year

|                                    |     |     |     |                                    |     |     |     |
|------------------------------------|-----|-----|-----|------------------------------------|-----|-----|-----|
| HOUSES.                            |     |     |     | GENERAL—continued                  |     |     |     |
| Public Health Act                  | ... |     | 199 | Swimming Places...                 | ... |     | 25  |
| Housing Act                        | ... | ... | 373 | Interviews with Owners...          |     |     | 249 |
| Overcrowding                       | ... | ... | —   |                                    |     |     |     |
| Complaints                         | ... | ... | 109 | RE-VISITS TO PREMISES UNDER NOTICE |     |     |     |
|                                    |     |     |     | Public Health Act—                 |     |     |     |
|                                    |     |     |     | Houses                             | ... | ... | 258 |
|                                    |     |     |     | Public Health Act—Other            |     |     | 5   |
|                                    |     |     |     | Housing Act                        | ... | ... | 164 |
| FACTORIES.                         |     |     |     | MEAT AND FOODS.                    |     |     |     |
| Factories with mechanical power    | ... | ... | 111 | Butchers' Shops                    | ... | ... | 31  |
| Factories without mechanical power | ... | ... | 9   | Slaughtering                       | ... | ... | 4   |
| Workplaces                         | ... | ... | 4   | Fishmongers and Poulterers         |     |     | 14  |
| Outworkers                         | ... | ... | 10  | Greengrocers and Fruiterers        |     |     | 6   |
|                                    |     |     |     | Grocers and Other Food Shops       | ... | ... | 112 |
| GENERAL.                           |     |     |     | Fried Fish Shops                   | ... |     | 5   |
| Tents, vans and sheds              | ... |     | 187 | Dairies and Milk Shops             | ... |     | 10  |
| Stables and Piggeries              | ... |     | 32  | Milk Samples                       | ... | ... | 5   |
| Public Houses                      | ... | ... | 17  | Water Samples                      | ... | ... | 13  |
| Schools                            | ... | ... | 7   | Ice Cream Premises                 | ... |     | 11  |
| Smoke Observations                 | ... |     | 4   | Ice Cream Samples                  | ... |     | 4   |
| Mosquito Control                   | ... |     | 5   | Restaurants and Dining Rooms       | ... | ... | 88  |
| Vacant Land and Dumps              |     |     | 26  | Bakehouses                         | ... | ... | 26  |
| Verminous Premises                 | ... |     | 12  | Other Food Premises                | ... |     | 5   |
| Other Insect Pests                 | ... |     | 10  |                                    |     |     |     |
| Drainage Inspections and Tests     | ... | ... | 55  | UNCLASSIFIED VISITS                |     |     |     |
| Cesspools                          | ... | ... | 8   |                                    | ... |     | 280 |
| Infectious Diseases                | ... |     | 14  | INEFFECTUAL VISITS                 |     |     |     |
| Common Yards and Passages          | ... | ... | —   |                                    | ... |     | 170 |
| Shops Acts                         | ... | ... | 5   |                                    |     |     |     |



# ADMINISTRATION OF THE FACTORIES ACTS, 1937 and 1948.

## 1.—Inspections for the purposes of provisions as to health.

| Premises<br>(1)   | Number<br>on<br>Register<br>(3) | Number of          |                           |                                |
|---|---------------------------------|--------------------|---------------------------|--------------------------------|
|   |                                 | Inspections<br>(4) | Written<br>notices<br>(5) | Occupiers<br>prosecuted<br>(6) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..                     | 7                               | 9                  | 1                         | —                              |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..                     | 64                              | 111                | 9                         | —                              |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... .. | —                               | —                  | —                         | —                              |
| TOTAL ...   | 71                              | 120                | 10                        | —                              |

## 2.—Cases in which defects were found.

| Particulars<br>(1)  | Number of cases in which defects were found |                 |                             |   | Number of<br>cases in<br>which<br>prosecu-<br>tions were<br>instituted<br>(7) |
|---|---|-----------------|-----------------------------|---|---|
|   | Found<br>(3)                                | Remedied<br>(4) | To H.M.<br>Inspector<br>(5) | Referred<br>By H.M.<br>Inspector<br>(6) |   |
| Want of cleanliness (S.1)   | 5   | 4               | —                           | —                                       | —   |
| Overcrowding (S.2) ...  | —   | —               | —                           | —                                       | —   |
| Unreasonable temperature (S.3) ... ..                               | —   | —               | —                           | —                                       | —   |
| Inadequate ventilation (S.4) ... ..                                 | —   | —               | —                           | —                                       | —   |
| Ineffective drainage of floors (S.6) ... ..                         | —   | —               | —                           | —                                       | —   |
| Sanitary Conveniences (S.7)   |   |                 |                             |   |   |
| (a) insufficient ... ..   | —   | —               | —                           | —                                       | —   |
| (b) Unsuitable or defective ... ..                                  | 5   | 5               | —                           | —                                       | —   |
| (c) Not separate for sexes  | —   | —               | —                           | —                                       | —   |
| Other offences (not including offences relating to Homework) ... .. | —   | —               | —                           | —                                       | —   |
| TOTAL ...   | 10  | 9               | —                           | —                                       | —   |

Outworkers S.110 (i) (c) : Number, 7; Notices, etc., Nil.



# WATFORD

## RURAL DISTRICT

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### General.

Area (land and inland water). 18,179 acres.

(Abbots Langley C.P., 4,979 ; Aldenham C.P., 5,660 ; Sarratt C.P., 2,399 ; Watford Rural C.P., 5,141 ; acres.)

Number of separately rated dwellings at 1st April, 1951; 9,683.

Rateable value at 1st April, 1951; £267,815.

Sum represented by a penny-rate; £1,174.

### Vital Statistics.

Population (Registrar General's estimates at mid-year) :

| 1951   | 1950   | 1949   | 1948   | 1947   | 1946   | 1945   | 1939   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 40,150 | 34,160 | 30,370 | 25,740 | 21,860 | 21,360 | 20,370 | 20,280 |

Birth-Rate (live births per 1,000 of population) :

| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
|------|------|------|------|------|------|------|------|
| 17.0 | 15.4 | 15.1 | 12.9 | 17.7 | 16.9 | 17.2 | 13.9 |

(Area Comparability Factor, 1.06)

Infantile Mortality Rate (deaths under 1 year per 1,000 live births) :

| 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1939 |
|------|------|------|------|------|------|------|------|
| 29   | 15   | 24   | 36   | 25   | 17   | 26   | 56   |

Death-Rate :

Vide—Summary “ Causes of Death.”

(Area Comparability Factor, 1.05)

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

|           |     |     |     | Pulmonary. |         | Non-Pulmonary. |         |
|-----------|-----|-----|-----|------------|---------|----------------|---------|
|           |     |     |     | Male.      | Female. | Male.          | Female. |
| New cases | ... | ... | ... | 20         | 19      | 2              | 3       |
| Deaths    | ... | ... | ... | 5          | 8       | 2              | —       |

NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to AGE and SEX

1951

| AGE<br>GROUPS | Scarlet<br>Fever |    | Whooping<br>Cough |     | Acute poliomyelitis |   |               |   | Measles<br>(Exc. Rubella) |     | Diphtheria |   |
|---------------|------------------|----|-------------------|-----|---------------------|---|---------------|---|---------------------------|-----|------------|---|
|               | M                | F  | M                 | F   | Paralytic           |   | Non-paralytic |   | M                         | F   | M          | F |
|               |                  |    |                   |     | M                   | F | M             | F |                           |     |            |   |
| 0— ...        |                  |    | 11                | 8   |                     |   |               |   | 16                        | 3   |            |   |
| 1— ...        |                  |    | 18                | 19  |                     |   |               |   | 43                        | 34  |            |   |
| 3— ...        | 7                | 5  | 24                | 33  |                     |   | 2             |   | 66                        | 56  |            |   |
| 5— ...        | 15               | 18 | 18                | 38  |                     |   |               |   | 84                        | 104 |            |   |
| 10— ...       | 5                | 2  |                   | 4   |                     |   |               |   | 5                         | 17  |            |   |
| 15— ...       |                  |    |                   |     | 1                   |   | 1             |   |                           | 10  |            |   |
| 25 and over   |                  |    | 2                 |     | 1                   |   |               |   |                           | 3   |            |   |
| TOTAL ...     | 27               | 25 | 73                | 102 | 2                   | — | 3             | — | 214                       | 227 | —          | — |

| AGE<br>GROUPS | Ac.<br>Pneumonia |   | Dysentery |   | Smallpox |   | Acute encephalitis |   |                 |   | Enteric or<br>Typhoid Fever |   |
|---------------|------------------|---|-----------|---|----------|---|--------------------|---|-----------------|---|-----------------------------|---|
|               | M                | F | M         | F | M        | F | Infective          |   | Post-infectious |   | M                           | F |
|               |                  |   |           |   |          |   | M                  | F | M               | F |                             |   |
| 0— ...        |                  |   | 1         | 3 |          |   |                    |   |                 |   |                             |   |
| 5— ...        |                  | 1 |           |   |          |   |                    |   |                 |   |                             |   |
| 15— ...       | 2                |   | 1         |   |          |   |                    |   |                 |   |                             |   |
| 45— ...       | 1                | 2 |           |   |          |   |                    |   |                 |   |                             |   |
| 65 and over   | 2                |   |           |   |          |   |                    |   |                 |   |                             |   |
| TOTAL ...     | 5                | 3 | 2         | 3 | —        | — | —                  | — | —               | — | —                           | — |

| AGE<br>GROUPS | Paratyphoid<br>Fever |   | Erysipelas |   | Meningococcal<br>infection |   | Food<br>Poisoning |   | Other Notifiable Diseases   |     |   |
|---------------|----------------------|---|------------|---|----------------------------|---|-------------------|---|-----------------------------|-----|---|
|               | M                    | F | M          | F | M                          | F | M                 | F |                             | M   | F |
|               |                      |   |            |   |                            |   |                   |   |                             |     |   |
| 0— ...        |                      |   |            |   | 1                          |   |                   |   | Puerperal<br>Pyrexia ...    | ... | 1 |
| 5— ...        |                      |   |            |   |                            |   |                   | 2 | Ophthalmia<br>Neonatorum... | —   | — |
| 15— ...       |                      |   |            | 1 |                            |   | 2                 |   | Malaria ...                 | —   | — |
| 45— ...       |                      |   |            |   |                            |   |                   | 1 | Plague ...                  | —   | — |
| 65 and over   |                      |   |            |   |                            |   |                   |   | Relapsing Fever             | —   | — |
|               |                      |   |            |   |                            |   |                   |   | Typhus Fever...             | —   | — |
| TOTAL ...     | —                    | — | —          | 1 | 1                          | — | 2                 | 3 |                             |     |   |

| THE CAUSES OF DEATH |  |  |  |  |  | DEATH-RATE                       |  |  |
|---------------------|--|--|--|--|--|----------------------------------|--|--|
| 1951                |  |  |  |  |  | (Deaths per 1,000 of population) |  |  |
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# SANITARY CONDITIONS

S. N. GRIGG,

Certificate Royal Sanitary Institute. Inspector, Meat and other Foods.  
A.R.P.S. (1st Class).

## HOUSING STATISTICS.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts ... 363

Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 0

Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation ... 58

Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority ... 39

Number of structurally separate dwellings erected during the year :

(1) By the Local Authority ... 60  
(2) By other bodies or persons ... 963

## SUMMARY OF HOUSING DEFECTS.

The number of defects found on inspection is followed by the number remedied during the year.

|   | Cases<br>Found Remedied |  |  | Cases<br>Found Remedied |  |
|---|-------------------------|--|--|-------------------------|--|
| 1. <i>Site.</i>                                   |                         |  | 3. <i>Lighting, Ventilation.</i>               |                         |  |
| a. Outbuildings inadequate or in bad repair ... 2 | 2                       |  | a. Obstruction to light and air ... 1          | 1                       |  |
| b. Approach to back of house unsatisfactory —     | —                       |  | b. Window area or opening below standard ... — | —                       |  |
| c. Storage of refuse unsatisfactory ... 72        | 57                      |  | c. Ventilation otherwise defective ... 2       | 2                       |  |
| d. Animals improperly kept ... 2                  | 2                       |  | d. Artificial lighting defective ... —         | —                       |  |
| 2. <i>Prevention of Dampness.</i>                 |                         |  | 4. <i>Space Heating.</i>                       |                         |  |
| a. Roof, chimney, defective ... 29                | 22                      |  | a. Firegrate, flue; defective ... 7            | 4                       |  |
| b. Gutters, downpipes, s-w drains, defective 29   | 22                      |  | b. Rooms inadequately heated ... —             | —                       |  |
| c. Drainage of ground unsatisfactory ... 4        | 4                       |  | 5. <i>Food, Cooking.</i>                       |                         |  |
| d. Walls, doors, windows, defective ... 34        | 24                      |  | a. Storage of food unsatisfactory ... 5        | 4                       |  |
| e. Damp-proof course defective ... —              | —                       |  | b. Cooking arrangements unsatisfactory 1       | 1                       |  |
| f. Sub-floor ventilation defective ... 1          | 1                       |  | c. Sink, drainage unsatisfactory ... 36        | 36                      |  |
| g. Solid floor defective 2                        | 2                       |  |  |                         |  |
| h. Soil against walls above d.p.c. ... 5          | 5                       |  |  |                         |  |

| Cases<br>Found Remedied                              |   |   |  | Cases<br>Found Remedied                     |    |    |  |
|--|---|---|--|---|----|----|--|
| 6. <i>Water Supply.</i>                              |   |   |  | b. Water closet, soil drains, defective ... |    |    |  |
| a. Well not satisfactory                             | — | — |  | 36  | 36 |    |  |
| b. Water delivered in vessels ...                    | — | — |  |   |    |    |  |
| c. Main supply disconnected ...                      | 2 | 2 |  | c. Approach to outside closet not protected | —  | —  |  |
|  |   |   |  | d. Lighting, ventilation, inadequate ...    | 3  | 3  |  |
| 7. <i>Washing Arrangements.</i>                      |   |   |  | 9. <i>Repair, Decoration, Cleanliness.</i>  |    |    |  |
| a. No bath ...                                       | — | — |  | a. Internal structures, defective ...       | 27 | 22 |  |
| b. Bath defective.                                   | — | — |  | b. Decoration in bad state ...              | 6  | 6  |  |
| c. Arrangements for heating water unsatisfactory ... | — | — |  | c. Lack of cleanliness                      | 4  | 4  |  |
| 8. <i>Closet Accommodation.</i>                      |   |   |  | c. Infestation with bugs, etc. ...          | 4  | 4  |  |
| a. Pail closet defective ...                         | 6 | 6 |  |   |    |    |  |

### Water Supply.

The water supply of the District is adequate and chlorinated. Two samples of water from private wells were found to be satisfactory. In another case where a sample of water was found to be unsatisfactory the use of the well for domestic purposes was discontinued, a main supply being available.

### Milk Supply.

| (a) Designated milks  |     |     |     |         |     | <i>Retailers</i> |  |
|-----------------------|-----|-----|-----|---------|-----|------------------|--|
| Tuberculin Tested     | ... | ... | ... | ...     | ... | 20               |  |
| Accredited            | ... | ... | ... | ...     | ... | 3                |  |
| Pasteurised           | ... | ... | ... | ...     | ... | 18               |  |
| Sterilized            | ... | ... | ... | ...     | ... | 13               |  |
| Number of inspections | ... | 28  |     | Notices | ... | 7                |  |

### ICE-CREAM.

|                                  |     |    |  |              |     |    |  |
|----------------------------------|-----|----|--|--------------|-----|----|--|
| Number of premises registered :— |     |    |  |              |     |    |  |
| (a) for Manufacture...           | ... | —  |  | (b) for Sale | ... | 32 |  |
| Number of inspections            | ... | 38 |  | Notices      | ... | 3  |  |

### Meat and Other Foods.

The following is a summary of Food condemned during the year :—

Carcase meat 565lbs., Canned Meat 750lbs., Sausages 153lbs., Bacon 82lbs., Wet Fish 161lbs., canned Fish 8lbs., Fish cakes 184, Shell Eggs 6, Canned Vegetables 139lbs., Canned Fruit 389lbs., Cans of Milk 48, Sweets 145lbs., Cheese 67lbs., Processed Cheese 73 packets, Margarine, Butter and Cooking fat 7lbs., Jam 9lbs., Flour 42lbs., Prunes 30lbs., Miscellaneous Foods 32 items.

## Disinfection (1), Disinfestation (2).

|                 |     |     |     |   |     |     |     |       |    |
|-----------------|-----|-----|-----|---|-----|-----|-----|-------|----|
| Number of cases | (1) | 56. | (2) | 5 | ... | ... | ... | Total | 58 |
|-----------------|-----|-----|-----|---|-----|-----|-----|-------|----|

## Public Cleansing.

(a) Refuse Collection—Direct Labour schemes in operation in all four parishes of the District. Vehicles employed number, one 12 cu. yds. Double Cab, one 10 cu. yds. Double Cab, and seven 10 cu. yds. Single Cab, all of modern type side loading.

Additional vehicles and staff have been required to cope with the development on the new L.C.C. Housing Estate at South Oxhey, and further expansion of the service will be necessary as development proceeds in other parts of the District.

(b) Refuse Disposal—two tipping sites are available in the District, one at Abbots Langley and one at Aldenham. Tip attendants are employed to deal with the refuse.

(c) Cesspool Emptying—Direct Labour scheme in operation covers most of the District. Vehicle used is a Dennis 800 gallon, operated by a staff of two men. In addition, it is necessary to make use of the services of a Contractor, who also uses modern type emptying vehicles. Disposal of cesspool contents is as far as possible into sewers in the area, otherwise by discharge on to suitable land.

Cesspools are emptied at the request of owners or occupiers without charge, but the Council reserve the right to review this arrangement at any time and to impose a scale of charges in specific cases or generally should they consider it necessary and desirable.

### WORKING STATISTICS (for the period of twelve months up to 31/3/52).

|   |     |     |     |     |           |
|---|-----|-----|-----|-----|-----------|
| Total number of Cesspools emptied                 | ... | ... | ... | ... | 375       |
| Total number of emptyings of above Cesspools      | ... | ... | ... | ... | 952       |
| Total number of loads removed                     | ... | ... | ... | ... | 1,922     |
| Number of gallons removed at 800 gallons per load | ... | ... | ... | ... | 1,537,600 |

(d) Emptying of Pail Closets—carried out by direct labour, in parishes of Abbots Langley and Aldenham, and by contract in remainder of district. Pail closets are emptied weekly.

(e) Collection of Salvage—Waste paper collection carried out simultaneously with refuse collection over whole of District. Other waste materials reclaimed from refuse by tip attendants.



Rodent Control.

Prevention of Damage by Pests Act, 1949

|  | Local<br>Authority | Dwelling<br>Houses | Agri-<br>cultural | All other,<br>incl.<br>Business &<br>Industry | Total  |
|--|--------------------|--------------------|-------------------|---|--------|
| 1. Total No. of properties in L.A.s' district ... ..                         | 14                 | 10,182             | 168               | 435   | 10,799 |
| 2. No. of properties inspected by L.A. during 1951 as a result               |                    |                    |                   |   |        |
| (a) of notification or   | (a) 6              | 101                | 1                 | 8   | 116    |
| (b) otherwise.   | (b) —              | 36                 | 1                 | 1   | 38     |
| 3. No. of properties (under 2) found to be infested by rats                  |                    |                    |                   |   |        |
| (a) Major (b) Minor, Infest.,  | (a) 6              | 3                  | 1                 | 3   | 13     |
|  | (b) —              | 81                 | 1                 | 3   | 85     |
| 4. No. of properties (under 2) found to be seriously infested by mice ... .. | —                  | 28                 | —                 | 3   | 31     |
| 5. No. of infested properties (under 3 & 4) treated by the L.A. ...          | 6                  | 102                | —                 | 8   | 116    |
| 6. No. of notices served under Section 4 :                                   |                    |                    |                   |   |        |
| (1) Treatment ... ..   | —                  | 2                  | —                 | 1   | 3      |
| (2) Structural Works (i.e. Proofing) ... ..                                  | —                  | 5                  | —                 | 2   | 7      |

7. Number of cases in which default action was taken by L.A. following issue of notice under S. 4; 0.
8. Legal Proceedings, 0.
9. Number of “ block control ” schemes carried out, 45.

Canal Boats, Inspection of

Number of boats inspected ... 4

Contraventions ... 0

# ADMINISTRATION OF THE FACTORIES ACTS, 1937 and 1948.

## 1.—Inspections for the purposes of provisions as to health.

| Premises<br>(1)   | Number<br>on<br>Register<br>(3) | Number of          |                           |                                |
|---|---------------------------------|--------------------|---------------------------|--------------------------------|
|   |                                 | Inspections<br>(4) | Written<br>notices<br>(5) | Occupiers<br>prosecuted<br>(6) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..                     | 2                               | 18                 | 2                         | —                              |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..                     | 41                              | 38                 | 3                         | —                              |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... .. | —                               | —                  | —                         | —                              |
| TOTAL ...   | 43                              | 56                 | 5                         | —                              |

## 2.—Cases in which defects were found.

| Particulars<br>(1)  | Number of cases in which defects were found |                 |   |                             | Number of<br>cases in<br>which<br>prosecu-<br>tions were<br>instituted<br>(7) |
|---|---|-----------------|---|-----------------------------|---|
|   | Found<br>(3)                                | Remedied<br>(4) | Referred<br>To H.M.<br>Inspector<br>(5) | By H.M.<br>Inspector<br>(6) |   |
| Want of cleanliness (S.1)   | 1   | 1               | —                                       | —                           | —   |
| Overcrowding (S.2) ...  | —   | —               | —                                       | —                           | —   |
| Unreasonable temperature (S.3) ... ..                               | —   | —               | —                                       | —                           | —   |
| Inadequate ventilation (S.4) ... ..                                 | —   | —               | —                                       | —                           | —   |
| Ineffective drainage of floors (S.6) ... ..                         | —   | —               | —                                       | —                           | —   |
| Sanitary Conveniences (S.7)   |   |                 |   |                             |   |
| (a) insufficient ... ..   | 1   | 1               | —                                       | —                           | —   |
| (b) Unsuitable or defective ... ..                                  | 2   | 2               | —                                       | 1                           | —   |
| (c) Not separate for sexes  | 1   | 1               | —                                       | —                           | —   |
| Other offences (not including offences relating to Homework) ... .. | —   | —               | —                                       | —                           | —   |
| TOTAL ...   | 5   | 5               | —                                       | 1                           | —   |

Outworkers S.110 (i) (c)—Number, 28 ; Notices, etc., Nil.





